



Howrey Dkt. No. 02578.0006.00US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

SCOTT A. CHALMERS, ET AL.

Application No.: 09/611,219

Filed: July 6, 2000

For: **METHOD AND APPARATUS FOR
HIGH-SPEED THICKNESS MAPPING
OF PATTERNED THIN FILMS**

Art Unit: 2877

Examiner: Hoa Q Pham

#9/A
T. Yarky
1-23-03

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RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 8, 2002, kindly amend the subject application as follows:

IN THE CLAIMS:

Kindly amend claims 1, 2, 3, 6, 11, 18, 21, 25, 26, 27, and 30 as follows:

1. (Once Amended) A film measurement apparatus comprising:
a light source configured to generate a light signal;
means for directing said light signal onto a sample to obtain a reflected or transmitted light signal having a plurality of wavelength components, each having an intensity;
a one-spatial-dimension imaging spectrometer configured to receive said reflected or transmitted light signal, and derive therefrom a one-spatial-dimension spectral image comprising,

12/18/2002 WABDELRI 00000134 09611219
02 FC:2201 168.00 CH
03 FC:2202 108.00 CH
04 FC:2203 140.00 CH

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached hereto) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

December 9, 2002
Date of Deposit

Robin L. Clow
Name of Person Mailing Paper

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Signature of Person Mailing Paper

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